

# EXHIBIT D

*Valsartan*
amlodipine*
Diovan*
Exforge*
sartan or sartans

**<drug names modifiers>**

NOTE:

Removed:

HCT or HCTZ

*azide*
*formaldehyde*
*-N3*
*xylene*
aqueous*
chloramin*
HNO2
hydrochlor*
N-3*
NaNO*
tolue*
Tributyl* or TIN
Triethyl* or TEA
zinc /3 chloride
ZnCl*

## <solvents modifiers>

NOTE:

Removed:

acid

bladder*
cancer* or precancer* or pre-cancer*
colon*
death* or dead or fatal
esophag*
gastro*
intestin*
kidn* or renal*
laten*
leukemia*
liver*
lymphoma*
MedWatch* or "Safety Information and Adverse Event Reporting"
muta*
myeloma*
NHL or non-hodgkin*
toxicolog*
oncolog*
ovar*
pancrea*
prostate*
stomach*

NOTES:

Removed:

"adverse event\*" or AER\*

blood\*

PADER

onset

Manufacturer Defendant Specific

**<facility names modifiers>**

(*90483* OR *90866* OR *78020*)
(EIR OR "establishment inspection report") AND <facility name> AND (<Drug Name> OR (<Solvents> AND NOT <other drug names>))
(OAI or "official action indicated") AND <facility name> AND (<Drug Name> OR (<Solvents> AND NOT <other drug names>))
("voluntary action indicated") AND <facility name> AND (<Drug Name> OR (<Solvents> AND NOT <other drug names>))
*diethylamine or "*diethyl amine"
*dimethylamine or "*dimethyl amine"
*dimethylformamide
*dimethylmethanamide
*ghost*
*NDEA*
*NDMA*
*nitra*
*nitrite*
*nitrosa*
*nitroso*
*NMBA* (deferred to after JPML decision)
*trosomine*
((Form483) or (Form /3 483) or (483 /3 letter) or (483 /3 warn*) or (704 pre/3 b)) AND <facility name> AND (<Drug Name> OR (<Solvents> AND NOT <other drug names>))
C2H6N2O or "(CH3)2NN=O" or "CH32NN=O" or "(CH3)2NC(O)H" or CH32NCOH or C3H7NO or "(CH3CH2)2NH" or CH3CH22NH or C4H11N or "(CH3)2NH" or CH32NH or C2H7N or "(C2H5)2NNO" or C2H52NNO or C4H10N2O
carcin* AND (<Drug Name> OR (<Solvents> AND NOT <other drug names>))
deviat* /5 cancer* or deviat* /5 toxic or or deviat* /5 hazard* or deviat* /5 fatal
(FDA /10 warning) AND <facility name> AND (<Drug Name> OR (<Solvents> AND NOT <other drug names>))
gene* /3 mutat*
genotoxic* AND (<Drug Name> OR (<Solvents> AND NOT <other drug names>))
solvent /5 cancer* or solvent /5 toxic or or solvent /5 hazard* or solvent /5 fatal
solvent* /5 contamin*

(test* /5 canc*) AND (<Drug Name> OR (<Solvents> AND NOT <other drug names>))
Valisure*

("adverse event*" or AER) /50 <drug name> /50 <medical conditions>
"prior approval supplement" /50 (<drug name> OR (ANDA Numbers))
adulterat* /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)) OR <facility names>)
alert* /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)) OR <facility names>)
Citizen* pre/3 Petition /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)) OR <facility names>)
import* /3 (ban or alert or restrict*) /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)))
inadequat* /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)) OR <facility names>)
inspect* /50 <drug name>
investigat* /50 <drug name>
major /3 change /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)) OR (*78020* OR *90866* OR *90483*))
minor /3 change /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)) OR (*78020* OR *90866* OR *90483*))
moderate /3 change /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)) OR (*78020* OR *90866* OR *90483*))
Monthly /3 update /50 (<drug name> or (<Solvents> AND NOT <other drug names>)))
(official pre/3 action* /4 indicat* ) /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)) OR <facility names>)
observation* /50 (<drug name> OR <facility name>)
(OOS or "out of spec*" or "out-of-spec*") /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)) OR <facility names>)
(OOT or "out-of-trend" or "out of trend") /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)) OR <facility names>)
PADER* /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)) OR <facility names>)
VAI or (voluntary pre/3 action* /4 indicat*) /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)) OR <facility names>)
violat* /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)) OR <facility names>)

NOTES:

REMOVED:

"changes being effected"

CFR or eCFR or "code of federal regulations" or USC or "United States Code" or "Title 21"

(Establishment pre/3 Inspection)

warn\*

(master /3 file) /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)))

MOVED:

CAPA or corrective pre/3 "preventive action" to QA-Testing tab

((bottle pre/2 lies) or Eban) /50 ("inspect*" OR "FDA" OR "Food /50 Drug Administration" OR FDA OR USFDA OR "US-FDA" OR "Agency" OR "recall" OR <medical conditions> OR <drug name> OR (<Solvents> AND NOT <other drug names>) OR test OR chromatog* OR peak)
(bury OR burie* OR conceal*) /50 ("inspect*" OR "FDA" OR "Food /50 Drug Administration" OR FDA OR USFDA OR "US-FDA" OR "Agency" OR "recall" OR <medical conditions> OR <drug name> OR (<Solvents> AND NOT <other drug names>) OR test OR chromatog* OR peak)
(cGMP* or (current pre/5 manufacturing) or GMP*) /50 (<drug name> OR (<Solvents> AND NOT <other drug names>) OR inspect* OR violat*)
("cover up*" or coverup* or "cover-up*") /50 ("inspect*" OR "FDA" OR "Food /50 Drug Administration" OR FDA OR USFDA OR "US-FDA" OR "Agency" OR "recall" OR <medical condicions> OR <drug name> OR (<Solvents> AND NOT <other drug names>) OR test OR chromatog* OR peak)
(crash* or disaster*) /50 (<drug name> OR (<Solvents> AND NOT <other drug names>) OR "backup /3 data" OR "test")
(data /4 integrity or data /4 reliabl*) /50 (<drug name> OR (<Solvents> AND NOT <other drug names>) OR "backup /3 data" OR "test" or chromatog*)
(destroy* NOT "immediately destroy all electronic") /50 (<drug name> OR (<Solvents> AND NOT <other drug names>) OR facilities names OR test OR chromatog* OR backup /3 data)
delet* /50 (<drug name> OR (<Solvents> AND NOT <other drug names>) OR facilities names OR test OR chromatog* OR backup /3 data)
destroy* /50 (<drug name> OR (<Solvents> AND NOT <other drug names>) OR facilities names OR test OR chromatog* OR backup /3 data)
trash* /50 (<drug name> OR (<Solvents> AND NOT <other drug names>) OR facilities names OR test OR chromatog* OR backup /3 data)
shred* /50 (<drug name> OR (<Solvents> AND NOT <other drug names>) OR facilities names OR test OR chromatog* OR backup /3 data)
(hide* OR suppress*) /50 ("inspect*" OR "FDA" OR "Food /50 Drug Administration" OR FDA OR USFDA OR "US-FDA" OR "Agency" OR "recall" OR <medical conditions> OR <drug name> OR (<Solvents> AND NOT <other drug names>) OR test OR chromatog* OR peak)
whistleblow* /50 ("inspect*" OR "FDA" OR "Food /50 Drug Administration" OR FDA OR USFDA OR "US-FDA" OR "Agency" OR "recall" OR <medical conditions> OR <drug name> OR (<Solvents> AND NOT <other drug names>) OR test OR chromatog* OR peak)

NOTES:

Removed:

remov\*

("anion-exchange" OR anionexchange OR "anion exchange") /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)))
("ion-exchange" OR ionexchange OR "ion exchange") /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)))
*PCRC* /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)))
ALS /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)))
bioequiv* /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)))
(CAPA or corrective pre/3 "preventive action") /50 <facility name> /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)) OR QA OR "quality assurance" OR QC OR "quality control" OR Chromato* OR aberran /3 peak* OR abnorm* OR complain* OR "unknown /3 peak" OR "unknown /3 spike" OR "unknown /3 impurit*" OR "unknown /3 contamin*")
Chromato* /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)) OR aberran /3 peak* OR abnorm* OR complain* OR "unknown /3 peak" OR "unknown /3 spike" OR "unknown /3 impurit*" OR "unknown /3 contamin*")
contami* /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)) OR aberran /3 peak* OR abnorm* OR complain* OR "unknown /3 peak" OR "unknown /3 spike" OR "unknown /3 impurit*")
degradant* or impurit* /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)) OR aberran /3 peak* OR abnorm* OR complain* OR "unknown /3 peak" OR "unknown /3 spike" OR "unknown /3 impurit*" OR "unknown /3 contamin*")
detect* /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)) OR aberran /3 peak* OR abnorm* OR complain* OR "unknown /3 peak" OR "unknown /3 spike" OR "unknown /3 impurit*" OR "unknown /3 contamin*")
EI-MS or EL-MS or "electron ionization" /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)))
elude* /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)) OR aberran /3 peak* OR abnorm* OR complain* OR "unknown /3 peak" OR "unknown /3 spike" OR "unknown /3 impurit*" OR "unknown /3 contamin*")
fatal* /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)))
GC or "GC-FID" or GCMS or "GC-MS" /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)))
hazard* /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)) OR aberran /3 peak* OR abnorm* OR complain* OR "unknown /3 peak" OR "unknown /3 spike" OR "unknown /3 impurit*" OR "unknown /3 contamin*")
heat /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)) OR aberran /3 peak* OR abnorm* OR complain* OR "unknown /3 peak" OR "unknown /3 spike" OR "unknown /3 impurit*" OR "unknown /3 contamin*")
HPLC-UV /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)))
HS /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)))
incomplet* /5 data* /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)) OR facilities names OR test OR chromatog* OR peak)
LCMS (<drug name> OR (<Solvents> AND NOT <other drug names>)))
mass spectro* /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)) OR aberran /3 peak* OR abnorm* OR complain* OR "unknown /3 peak" OR "unknown /3 spike" OR "unknown /3 impurit*" OR "unknown /3 contamin*")
"method /5 qualification" /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)))

noise* /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)) OR aberran /3 peak* OR abnorm* OR complain* OR "unknown /3 peak" OR "unknown /3 spike" OR "unknown /3 impurit*" OR "unknown /3 contamin*")
"noti* w/5 pharm*" /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)))
obscure* /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)) OR aberran /3 peak* OR abnorm* OR complain* OR "unknown /3 peak" OR "unknown /3 spike" OR "unknown /3 impurit*" OR "unknown /3 contamin*")
"press /4 release" /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)))
"preventative /5 action" /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)))
puri* /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)) OR aberran /3 peak* OR abnorm* OR complain* OR "unknown /3 peak" OR "unknown /3 spike" OR "unknown /3 impurit*" OR "unknown /3 contamin*")
recall* /50 <drug name>
"repe* /4 error*" /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)) OR aberran /3 peak* OR abnorm* OR complain* OR "unknown /3 peak" OR "unknown /3 spike" OR "unknown /3 impurit*" OR "unknown /3 contamin*")
residu* /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)) OR aberran /3 peak* OR abnorm* OR complain* OR "unknown /3 peak" OR "unknown /3 spike" OR "unknown /3 impurit*" OR "unknown /3 contamin*")
retrospec* /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)))
risk* /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)) OR aberran /3 peak* OR abnorm* OR complain* OR "unknown /3 peak" OR "unknown /3 spike" OR "unknown /3 impurit*" OR "unknown /3 contamin*")
signal* /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)) OR aberran /3 peak* OR abnorm* OR complain* OR "unknown /3 peak" OR "unknown /3 impurit*" OR "unknown /3 contamin*")
spectro* /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)) OR aberran /3 peak* OR abnorm* OR complain* OR "unknown /3 peak" OR "unknown /3 impurit*" OR "unknown /3 contamin*")
spike* /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)) OR aberran /3 peak* OR abnorm* OR complain* OR "unknown /3 peak" OR "unknown /3 impurit*" OR "unknown /3 contamin*")
suitab* /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)) OR aberran /3 peak* OR abnorm* OR complain* OR "unknown /3 peak" OR "unknown /3 impurit*" OR "unknown /3 contamin*")
toxic* /50 (<drug name> OR (<Solvents> AND NOT <other drug names>)) OR aberran /3 peak* OR abnorm* OR complain* OR "unknown /3 peak" OR "unknown /3 impurit*" OR "unknown /3 contamin*")

NOTES:

REMOVED:

fail\*

observation

problem

quality

headspace

unknown\* or unk or unks

validat\*

aberran\* /50 abnorm\* /50 complain\* /50 peak\* used as modifiers rather than search terms

"PROCESS I" or "PROCESS II"
assay*
assessment*
batch /5 records
biocompat*
byproduct*
certificat*
change* /3 control*
change* /5 process*
COA or certificat* pre/3 analys*
concentra*
condensa*
conversion*
critical /4 change
crude*
deviat*
diastereo*
discrepanc*
esterficat*
*formaldehyde*
malfunct*
material* /3 loss*
moiety or moieties
process /5 change
quench*
reagent*
reclaim*
recover*
recycl* /2 solvent AND <drug name>
repack* or "re-pack"*
resal*
resell*
reuse*
ring*
suppress*
TEA or Triethyl*
temperature
TIN or Tributyl*
yield*

**<Term> /50 (<Drug Name>  
OR (<Solvents> AND NOT  
<other drug names>))**

NOTES:

Removed:

error\*

expir\*

solvent\*

Moved:

CAPA or corrective pre/3 "preventive action" to  
QA-Testing tab

bladder*
cancer* or precancer* or pre-cancer*
colon*
death* or dead or fatal
esophag*
gastro*
intestin*
kidn* or renal*
laten*
leukemia*
liver*
lymphoma*
muta*
myeloma*
NHL or non-hodgkin*
toxicolog*
onset*
oncolog*
ovar*
pancrea*
prostate*
stomach*

**<Term> /50 (<Drug Name>  
OR (<Solvents> AND NOT  
<other drug names>))**

NOTES:

Removed:

blood\*

Alembic
ABDC or Amerisource* or "American Health Packaging" or AHP
Amerigen
ANDA /3 Inc*
Auro* or APL or APUSA
boehringer ingelheim
Bristol
Camber
Cobalt
Forest
Hetero
Huahai
Indoco
Ivax
Jubilant
Lantech*
Matrix
Macleod*
Mylan
Novartis
Par
Prinston
Qualanex
Ranbaxy
Sandoz
Syncore
Synthon
Teva
Torrent
Unichem
Watson
Zhejian*
ZHP

**<Term> AND (<Drug Name> OR (<Solvents> AND NOT <other drug names>))**